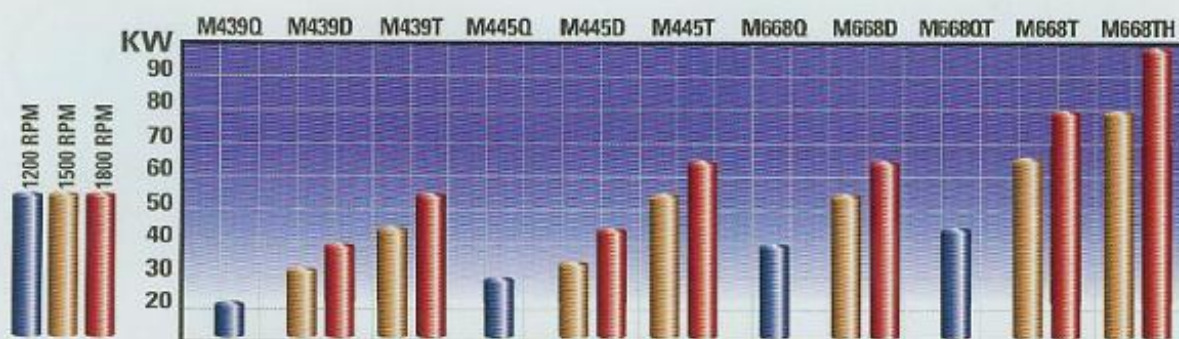




#### 1800 and 1500 RPM Sets

|                                     |             | Model Number | M439D                                                                            | M445D       | M439T       | M445T       | M668D        | M668T       | M668TH         |
|-------------------------------------|-------------|--------------|----------------------------------------------------------------------------------|-------------|-------------|-------------|--------------|-------------|----------------|
| <b>AC Output<sup>1</sup></b>        |             |              |                                                                                  |             |             |             |              |             |                |
| 1800 RPM, 60 Hz                     |             |              | 40 kW                                                                            | 45 kW       | 55 kW       | 65 kW       | 65 kW        | 80 kW       | 99 kW          |
| 1500 RPM, 50 Hz                     |             |              | 33 kW                                                                            | 35 kW       | 45 kW       | 50 kW       | 50 kW        | 66 kW       | 80 kW          |
| Phase                               |             |              | Available in Single or Three Phase Output                                        |             |             |             |              |             |                |
| RPM/ Hz                             |             |              | Available in 1800 RPM/60 Hz and 1500 RPM/ 50 Hz                                  |             |             |             |              |             |                |
| Voltages 60 Hz                      |             |              | 60 Hz- 120/208, 120/240, 127/220, 139/240, 220/380, 240/416, 254/440 and 277/480 |             |             |             |              |             |                |
| Voltages 50 Hz                      |             |              | 50 Hz- 110/190, 110/220, 115/230, 120/208, 127/220, 220/380, 240/416             |             |             |             |              |             |                |
| <b>Engine</b>                       |             |              |                                                                                  |             |             |             |              |             |                |
| Aspiration                          |             |              | Natural                                                                          | Natural     | Turbo       | Turbo       | Natural      | Turbo       | Turbo          |
| Cylinders                           |             |              | Inline 4                                                                         | Inline 4    | Inline 4    | Inline 4    | Inline 6     | Inline 6    | Inline 6       |
| Displacement                        | cu. in. (l) |              | 239 (3.9)                                                                        | 276 (4.5)   | 239 (3.9)   | 276 (4.5)   | 414 (6.8)    | 414 (6.8)   | 414 (6.8)      |
| Bore                                | in (mm)     |              | 4.2 (106)                                                                        | 4.2 (106)   | 4.2 (106)   | 4.2 (106)   | 4.2 (106)    | 4.2 (106)   | 4.2 (106)      |
| Stroke                              | in (mm)     |              | 4.3 (110)                                                                        | 5.0 (127)   | 4.3 (110)   | 5.0 (127)   | 5.0 (127)    | 5.0 (127)   | 5.0 (127)      |
| HP at 1800 RPM <sup>2</sup>         |             |              | 58                                                                               | 66          | 82          | 97          | 97           | 120         | 147            |
| Specific Fuel Rate <sup>3</sup>     | lb/bhp/hr   |              | 0.353                                                                            | 0.355       | 0.369       | 0.353       | 0.344        | 0.332       | 0.332          |
| Approx. Fuel Rate <sup>4</sup>      | gph(lph)    |              | 2.9 (10.8)                                                                       | 3.3 (12.5)  | 4.8 (18.2)  | 4.8 (18.2)  | 4.7 (17.8)   | 6.9 (26.1)  | 6.9 (26.1)     |
| <b>Dimensional Data<sup>5</sup></b> |             |              |                                                                                  |             |             |             |              |             |                |
| Length                              | in (mm)     |              | 65.2 (1656)                                                                      | 65.2 (1656) | 68.9 (1750) | 68.9 (1750) | 79.8 (2025)  | 79.8 (2025) | 83 (2106)      |
| Width                               | in (mm)     |              | 27.5 (698)                                                                       | 27.5 (698)  | 27.5 (698)  | 27.5 (698)  | 27.5 (698)   | 27.5 (698)  | 27.5 (698)     |
| Height                              | in (mm)     |              | 37.7 (957.5)                                                                     | 39 (991)    | 39 (991)    | 39 (991)    | 38.8 (985.5) | 38.75 (984) | 39.75 (1009.6) |
| Approximate Weight                  | lbs (kgs)   |              | 1645 (746)                                                                       | 1743 (791)  | 2039 (926)  | 2271 (1030) | 2178 (988)   | 2712 (1230) | 2857 (1296)    |

#### 1200 RPM, Q-Series Sets

| Model Number                              | M439Q                                                                     | M445Q      | M668Q       | M668QT         |
|-------------------------------------------|---------------------------------------------------------------------------|------------|-------------|----------------|
| <b>AC Output<sup>1</sup></b>              |                                                                           |            |             |                |
| 1200 RPM, 60 Hz                           | 22 kW                                                                     | 30 kW      | 40 kW       | 50 kW          |
| Phase                                     | Available in single or three phase                                        |            |             |                |
| Voltages 60 Hz                            | 120/208, 120/240, 127/220, 139/240, 220/380, 240/416, 254/440 and 277/480 |            |             |                |
| <b>Engine</b>                             |                                                                           |            |             |                |
| Aspiration                                | Natural                                                                   | Natural    | Natural     | Turbo          |
| Cylinders                                 | Inline 4                                                                  | Inline 4   | Inline 6    | Inline 6       |
| Displacement cu. in. (l)                  | 239 (3.9)                                                                 | 276 (4.5)  | 414 (6.8)   | 414 (6.8)      |
| Bore in (mm)                              | 4.2 (106)                                                                 | 4.2 (106)  | 4.2 (106)   | 4.2 (106)      |
| Stroke in (mm)                            | 4.3 (110)                                                                 | 5.0 (127)  | 5.0 (127)   | 5.0 (127)      |
| HP at 1200 RPM <sup>(2)</sup>             | 33                                                                        | 45         | 60          | 75             |
| Specific Fuel Rate <sup>3</sup> lb/bhp/hr | 0.378                                                                     | 0.395      | 0.378       | 0.370          |
| Approx. Fuel Rate <sup>(4)</sup> gph(lph) | 1.8 (6.8)                                                                 | 2.5 (9.5)  | 3.2 (12.1)  | 3.9 (14.8)     |
| <b>Dimensional Data<sup>(5)</sup></b>     |                                                                           |            |             |                |
| Length in (mm)                            | 68 (1727)                                                                 | 68 (1727)  | 79 (2007)   | 83 (2108)      |
| Width in (mm)                             | 27.5 (698)                                                                | 27.5 (698) | 27.5 (696)  | 27.5 (698)     |
| Height in (mm)                            | 37.7 (957.5)                                                              | 39 (991)   | 39 (991)    | 39.75 (1009.6) |
| Approx Weight lbs (kgs)                   | 1766 (801)                                                                | 1791 (812) | 2220 (1007) | 2857 (1296)    |

1. Prime kW rating. 1 kW equals 1000 watts, 0.8 power factor.

2. Net flywheel hp rating for fully equipped engine at 1800 (1200) RPM under SAE J816b.

3. Based on prime HP rating at 1800 (1200) RPM.

4. Based on prime kW rating at 1800 (1200) RPM. Fuel rate may vary depending on operating conditions.

5. Installation data for units with standard mounts, heat exchanger cooling and 3 phase generator ends. Dimensions and weight are effected by optional equipment. AC output and cooling configuration. Contact factory for more information.